

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A composite comprising polyacetal and at least one thermoplastic polyester elastomer formed by a polyacetal molding consisting essentially of a polyacetal and at least one additive selected from the group consisting of nucleating agents, mold-release agents, lubricants, fillers, reinforcing materials, pigments, carbon black, light stabilizers, flame retardants, antistatic agents, plasticizers, and optical brighteners, said polyacetal molding which has been partially or completely coated with the thermoplastic polyester consisting of a polyetherester elastomer or onto which one or more moldings composed of the thermoplastic ~~polyester~~ polyetherester elastomer have been directly molded, wherein the polyacetal and the thermoplastic polyetherester elastomer have been bonded adhesively or cohesively to one another via injection of the thermoplastic polyetherester elastomer onto the polyacetal molding, and wherein the tensile bond strength between the polyacetal and the thermoplastic polyetherester elastomer is at least 0.5 N/mm^2 .

2. (Previously presented) The composite as claimed in claim 1, wherein the tensile bond strength between the polyacetal and the thermoplastic polyetherester elastomer is at least 1.0 N/mm^2 .

3. (Original) The composite as claimed in claim 1, wherein the polyacetal used comprises a polyoxymethylene copolymer.

4. (Cancelled)

5. (Previously presented) The composite as claimed in claim 1, wherein the hardness of the thermoplastic polyetherester elastomer is in the range from Shore A 65 to Shore D 75.

6. (Cancelled)

7. (Previously presented) The composite as claimed in claim 1, wherein the thermoplastic polyetherester elastomer is a polyetherester that has polybutylene terephthalate as stiff segment and polytetramethylene oxide as flexible segment.
8. (Previously presented) The composite as claimed in claim 1, wherein the polyacetal molding has been completely or partially coated with thermoplastic polyetherester elastomer.
9. (Previously presented) The composite as claimed in claim 1, wherein at least one other molding composed of thermoplastic polyetherester elastomer has been molded onto the polyacetal molding.
10. (Previously presented) A process for producing the composite as claimed in claim 1, which comprises using multicomponent injection molding processes to mold at least one polyacetal molding and at least one other molding composed of thermoplastic polyetherester elastomer onto one another, the polyetherester elastomer being injected onto the polyacetal molding.
11. (Previously presented) The process as claimed in claim 10, wherein, prior to the molding-on of the thermoplastic polyetherester elastomer, the polyacetal molding is preheated to a temperature in the range from 80°C to just below its melting point, and the melt temperature of the thermoplastic polyetherester elastomer during the process of molding onto the polyacetal molding is from 200 to 300°C, and the mold has been temperature-controlled to a temperature in the range from 20 to 140°C.
12. (Original) The process as claimed in claim 11, wherein, prior to the molding-on of the thermoplastic polyamide elastomer, the polyacetal molding is preheated to a temperature in the range from 100 to 160°C, and the melt temperature of the thermoplastic polyester elastomer during the process of molding onto the polyacetal molding is from 220 to 260°C, and the mold has been temperature-controlled to a temperature in the range from 30 to 80°C.
13. (Cancelled)

14. (Previously presented) A connector or a functional component with integrated sealing properties and/or with integrated damping properties, or else as non-slip and easy-grip element which comprises the composite as claimed in claim 1.

15. (Previously presented) A composite comprising polyacetal and at least one thermoplastic polyetherester elastomer formed by a polyacetal molding onto which one or more moldings composed of the thermoplastic polyetherester elastomer have been directly molded, wherein the polyester elastomer is a polyetherester elastomer wherein, the polyacetal and the thermoplastic polyetherester elastomer have been bonded to one another, and wherein the tensile bond strength between the polyacetal and the thermoplastic polyetherester elastomer is at least 0.5 N/mm^2 (determined in the tensile test to ISO 527).

16. (Previously presented) The composite as claimed in claim 2, wherein the polyacetal used comprises a polyoxymethylene copolymer.

17. (Previously presented) The composite as claimed in claim 16, wherein the hardness of the thermoplastic polyetherester elastomer is in the range from Shore A 65 to Shore D 75.

18. (Cancelled)

19. (Cancelled)

20. (New) The composite as claimed in claim 15, wherein said polyacetal molding consisting essentially of a polyacetal and at least one additive selected from the group consisting of nucleating agents, mold-release agents, lubricants, fillers, reinforcing materials, pigments, carbon black, light stabilizers, flame retardants, antistatic agents, plasticizers, and optical brighteners.